PROVISION CTV-5321

MODEL

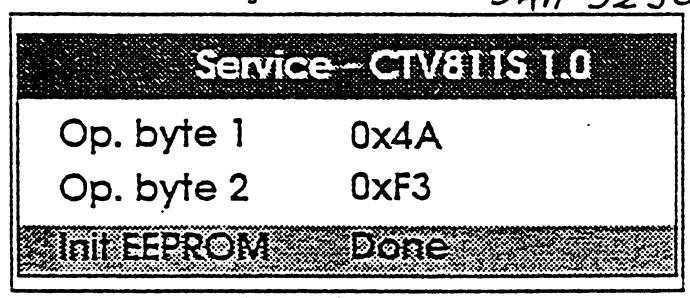
SERVICE MANUAL

Service Menu

The service menu is entered when the TV is in TV-mode and the RC5 code 0 or 58 with system address 7 is received.
Also short-circuiting of pin 20 (LED) to V_{ss} during switch -on, will bring the TV-set into service mode. The service menu is left again by pressing the TV-key.

Fig. 35 shows the service menu, the 2 option bytes represent the values of the EEPROM option bytes, that can be changed with the item-left and item-right keys. If an option byte is changed, it will be stored in the EEPROM. The initialize EEPROM item, clears all names of the programmes and cleans up the hash table. Furthermore, default values for sound and video PP will be written. While doing so, the OSD will display BUSY. When the initialisation has been finished, then the message DONE is written on the screen.

Fig.35 Service menu SAA 5290



Aktuelle 0x0b
0x00

EEPROM selectable options

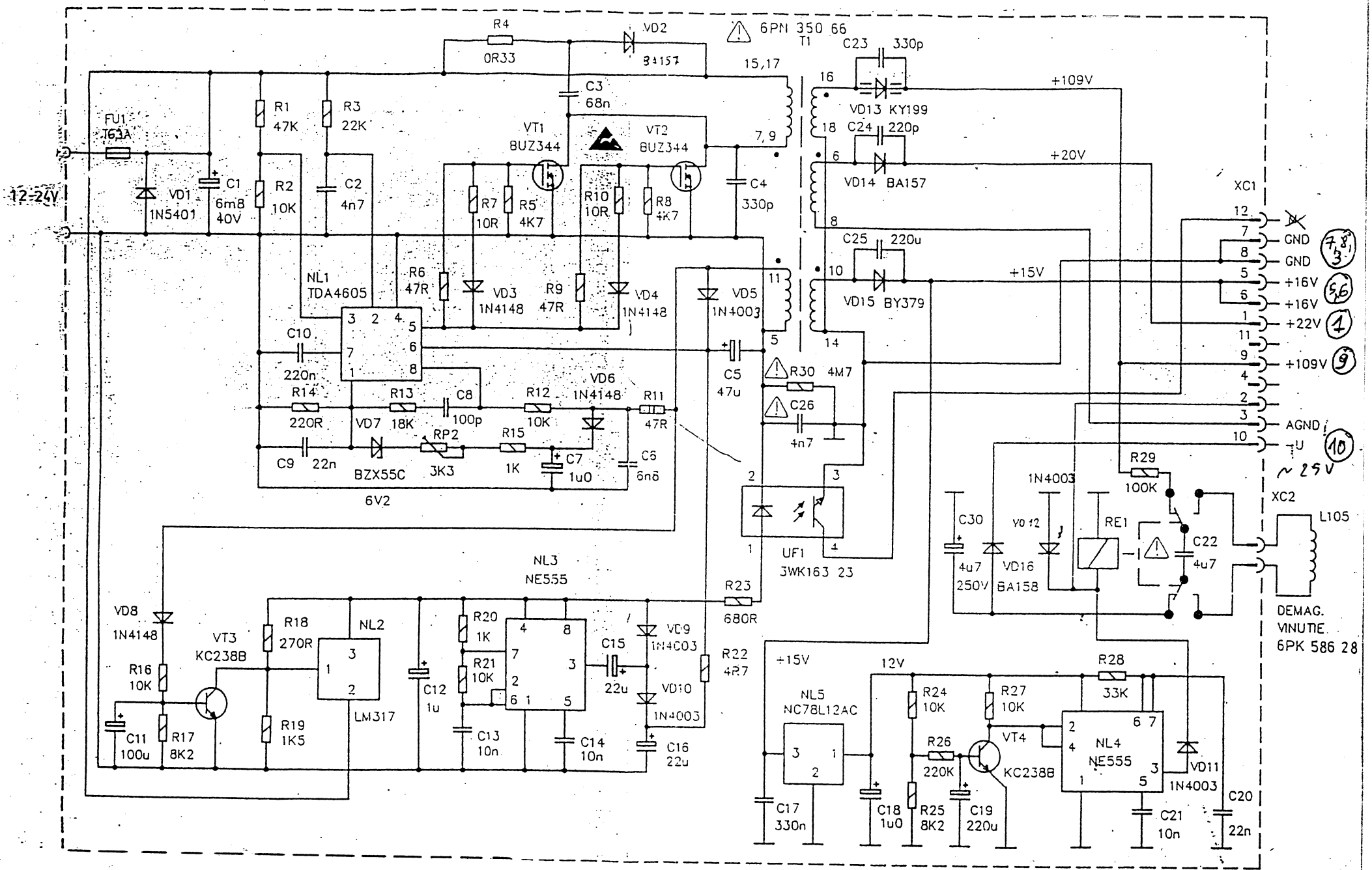
Option Byte 1

Op7	Op6	Op5	Op4	Op3	Op2	Op1	Op0

Option Byte 2

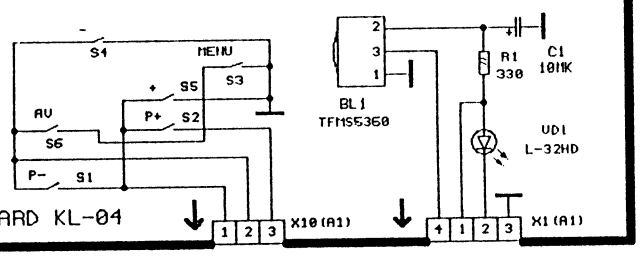
Op15	Op14	Op13	Op12	Op11	Op10	Op9	Op8

Bit Nr	Meaning	Bit Nr	Meaning
7	Hue: 1= Available, 0 = Not Available	7	Text strings: 1 = Strings, 0 = Symbols
6	Sharpness: 1= Available, 0 = Not Available	6	Reserved
5 [2]	Turbo Bass: 1= Available, 0 = Not Available Surround: 1 = Available, 0 = Not available	5a [1]	Progr storage time: 1= 30 sec. 0 = 3 sec
		5b [1]	Mode after power on: 1 = Standby, 0 = Recall last mode (standby or TV)
4	Stereo Plackback: 1= Available, 0 = Not Available	4	Text language: 1 = East, 0 = West
3	Teletext: 1= Available, 0 = Not Available	3	France: 1= Available, 0 = Not Available
2	Nr of Scarts: 0=1 scart, 1=2 scarts	2	NTSC_M: 1= Available, 0 = Not Available
1,0	Tuning bands: 00: Invalid 01: UHF only (single band) 10: VHF and UHF (2 band) 11: VHF-L, VHF-H, UHF (s band)	1	SECAM: 1= Available, 0 = Not Available
		0	1= Multi standard, 0: Single standard


12-24V
FU1
T63A
VD1
1N5401
C1
6m8
40V
R1
47K
R2
10K
R3
22K
C2
4n7
R4
0R33
VD2
BA157
C3
68n
VT1
BUZ344
VT2
BUZ344
R7
10R
R5
4K7
R10
10R
R8
4K7
C4
330p
NL1
TDA4605
R6
47R
VD3
1N4148
R9
47R
VD4
1N4148
C10
220n
R14
220R
R13
18K
C8
100p
R12
10K
VD6
1N4148
R11
47R
VD7
BZX55C
6V2
RP2
3K3
R15
1K
C7
1u0
C9
22n
C6
6n8
6PN 350 66
T1
15,17
7,9
C23
330p
VD13 KY199
+109V
C24
220p
VD14 BA157
+20V
C25
220u
VD15 BY379
+15V
VD5
1N4003
C5
47u
R30
4M7
C26
4n7
UF1
3WK163 23
XC1
GND
GND
+16V
+16V
+22V
+109V
AGND
-U
~ 25V
1N4003
R29
100K
C30
4u7
250V
VD12
VD16
BA158
RE1
C22
4u7
XC2
L105
DEMAG.
VINUTIE
6PK 586 28
NL3
NE555
R23
680R
VD8
1N4148
VT3
KC238B
R16
10K
R17
8K2
C11
100u
R18
270R
R19
1K5
NL2
LM317
C12
1u
R20
1K
R21
10K
C13
10n
C15
22u
VD9
1N4003
VD10
1N4003
R22
4R7
C14
10n
C16
22u
+15V
12V
NL5
NC78L12AC
C17
330n
C18
1u0
R24
10K
R26
220K
R25
8K2
C19
220u
R27
10K
VT4
KC238B
R28
33K
NL4
NE555
VD11
1N4003
C21
10n
C20
22n

KEYBOARD KL-04 FOR L2103T, CTV5321.

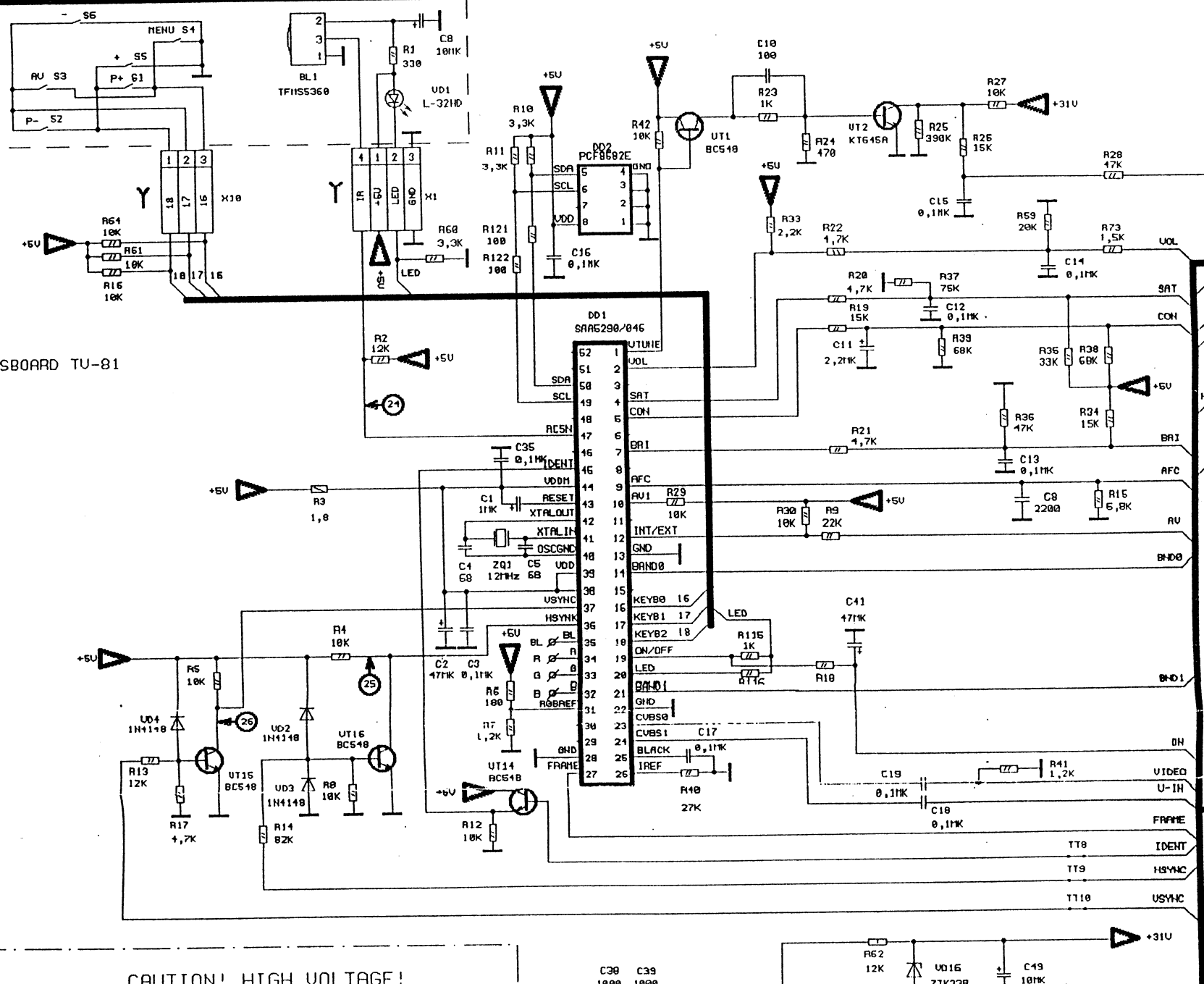
A4



	LL410T,L1411T	L2103T, CTV5321
C139	2700	6800
C140	3300	-

A1

CROSSBOARD TV-81



Z1 K2960M (G1963 for PAL/BG)

TUNER EVIT-3K2-EW

DD10 TDA1013B

DD8 TDA9362

DD7 TDA8395

DD8 TDA4565

DD11 TDA3653C

PICTURE TUBE BOARD KP-07

Z2 SFE5.5MB

Z3 SFE6.5MB

Z4 TPS5.5MB2

Z5 TPS6.5MB2

T3 BSC-25-6102

T2 TMC

ZQ2 4,43MHz

38,9MHz

VOL

IDENT

AFC

PHASE

VERTICAL LINEARITY

VERTICAL SIZE

CENTRING

HORIZ.COILS

VERT. COILS

ANODE

FOCUS

SCREEN

HEATER

VIDEO

AV

BAL

Form.	Pos.	Mark	Item	Quantity	Note
			Assembling units		
A3	3	STE5.735.048-02	Supply transformer (BCK-40-357)	1	T1.
A4	7	ДФЛ5.794.001-02	Transformer BCT-19011	1	T2
A3	9	STE5.794.015	Supply filter "Proview"	1	L1
			Components		
A4	13	ОЭ7.076.019	Ferits M1500HM3x2ПТ	4	FB1-FB4
A4	14	ABP7.079.003	Cer.c. 15pF+-5%-63V-NP0	1	C89
A4	15	ABP7.079.003	Cer.c. 18pF+-5%-63V-NP0	1	C107
A4	17	ABP7.079.003	Cer.c. 68pF+-5%-63V-NP0	3	C4,C5,C122
A4	18	ABP7.079.003	Cer.c. 100pF+-5%-63V-NP0	1	C10
A4	19	ABP7.079.007	Cer. c. K15-5-180pF+-10%-5kV	1	C27
A4	21	ОЭ7.079.242-93	Cer.c. 330p+-10%-500V-N750	8	C44,C54,C61,C150, C160-C163
A4	23	ABP7.079.003	Cer.c. 1nF+-10%-63V-N330	6	C58,C99,C100,C119, C120,C146
A4	25	ОЭ7.079.242-81	Cer.c. 1nF+-10%-500V-N750	7	C30-C33,C38,C39,C132
A4	27	ABP7.079.003	Cer.c. 2.2nF+-10%-63V-N330	2	C9,C92
A4	31	ABP7.079.003	Cer.c. 3.3nF+-10%-63V-N330	1	C106
A4	33	ABP7.079.000	Cer.c. 5.6nF+-5%-50V-N750	1	C22
A4	35	ABP7.079.000	Cer.c. 6.8nF+-5%-50V-N750	1	C24
A4	37	ABP7.079.003	Cer.c. 22nF-20%+80%-63V-N220	9	C6,C67,C69, C77,C79,C80,C85, C101,C114
A4	38	ABP7.079.000	Cer.c. 100nF+22/-56%-50V-Z5U	1	C53
A4	39	ABP7.079.006	Film c. MKT-370-4.7nF+-10%-63V	5	C71,C76,C88,C91,C147
A4	41	ABP7.079.006	Film c. MKT-370-10nF+-10%-63V	1	C149
A4	43	ABP7.079.006	Film c. MKT-370-10nF+-10%-250V	2	C138,C145
A4	45	ABP7.079.006	Film c. MKT-370-47nF+-10%-63V	3	C109,C117, C133
A4	47	ABP7.079.006	Film c. MKT-370-100nF+-10%-63V	23	C3,C12-C19,C35,C55, C56,C59,C75,C81, C90,C93,C94,C108, C110,C111,C112,C142
A4	49	ABP7.079.006	Film c. MKT-370-220nF+-10%-63V	5	C21,C66,C151,C156, C167
A4	51	ABP7.079.006	Film c. MKT-370-470nF+-10%-50V	1	C113
A4	53	ABP7.079.001-02	Film c. K73-17-33nF+-10%-630V	1	C37
A4	57	ABP7.079.010	Film c.MKT-335-1-100nF+-10%-250V	2	C26,C34
A4	65	ABP7.079.009	El. c. 1mkF+-20%-50V	3	C1,C57,C87
A4	67	ABP7.079.009-01	El. c. 1mkF+-20%-160V	1	C137
A4	69	ABP7.079.009	El. c. 2.2mkF+-20%-50V	8	C63,C82,C83,C86,C104, C116,C118,C148
A4	71	ABP7.079.009-01	El. c. 2.2mkF+-20%-50V	3	C11,C68,C105
A4	73	ABP7.079.009	El. c. 4.7mkF+-20%-63V	1	C23
A4	74	ABP7.079.009	El. c. 10mkF+-20%-50V	7	C7,C49,C51,C84,C121, C125,C126
A4	75	ABP7.079.009-02	El. c. 1mkF+-20%-250V	1	C141

Form.	Pos.	Mark	Item	Quantity	Note
A4	77	ABP7.079.009	El. c.47mkF+-20%-16V	2	C64,C65
A4	78	ABP7.079.009	El. c.47mkF+-20%-10V	3	C2,C41,C103
A4	79	ABP7.079.009-03	El. c. 47mkF+-20%-160V	1	C143
A4	81	ABP7.079.009-02	El. c. 470mkF+-20%-16V	1	C115
A4	83	ABP7.079.009-04	El. c. 100mkF+-20%-16V	2	C25,C70
A4	85	ABP7.079.009-05	El. c. 100mkF+-20%-50V	2	C131,C153
A4	87	ABP7.079.009-06	El. c. 100mkF+-20%-160V	1	C40
A4	89	ABP7.079.002-03	El. c. 100mkF+-20%-350V	1	C29
A4	93	ABP7.079.009-05	El. c. 220mkF+-20%-25V	1	C52
A4	94	ABP7.079.009-07	El. c. 220mkF+-20%-50V	1	C135
A4	95	ABP7.079.009-05	El. c. 470mkF+-20%-16V	1	C60
A4	97	ABP7.079.009-03	El. c. 470mkF+-20%-50V	1	C154
A4	98	ABP7.079.009-08	El. c. 1000mkF+-20%-25V	1	C45
A4	99	ABP7.079.009-02	El. c. 1000mkF+-20%-16V	1	C50
A4	101	ABP7.079.009-09	El. c. 2200mkF+-20%-25V	2	C78,C157
A3	103	ABP7.103.032-1v.	PCB 240mm x 246 mm	1	5.9dm2
A4	105	ABP7.345.000	Rectifier 1N4148 (КД522Б)	9	VD3,VD11,VD18, VD21,VD22,VD49, VD50,VD55,VD56
A4	105a	ABP7.345.013	Rectifier 1N4148 (КД522Б)	2	VD48
A4	106	ABP7.345.001	Rectifier BYV95C (FR155)	1	VD13
A4	107	ABP7.345.007	Rectifier BYV95B (FR154)	1	VD15
A4	108	ОЭ7.339.234-10	Rectifier BYW36TAP(BYW96C)	1	VD14
A4	109	ABP7.345.007	Rectifier BYV96D (FR155)	2	VD31,VD32
A4	110	ABP7.345.000	Rectifier BYD33G (КД247В, FR104)	1	VD19
A4	111	ABP7.345.002	Rectifier BYD33G (КД247В, FR104)	4	VD12,VD25,VD27, VD29
A4	113	ABP7.345.002	Rectifier 1N5399 (FR106,КД243Д)	4	VD6-VD9
A4	115	ABP7.345.002	Rectifier 1N4002 (КД243Г)	4	VD23,VD24,VD28, VD30
A4	117	ABP7.345.000	Rectifier BZX55/C5V1	1	VD20
A4	119	ABP7.345.000	Rectifier ZPD6.8 (КС168)	1	VD10
A4	123	ABP7.345.000	Rectifier ZTK33B	1	VD16
A4	129	ОЭ7.339.176-03	Transistor BD234 (КТ837Ф)	1	VT4
A3	131	ОЭ7.339.176-09	Transistor BUZ91A (BUZ92, BUZ90A)	1	VT3
A4	133	ОЭ7.339.261-11	Transistor 2N6718V	1	VT8
A3	135	ОЭ7.339.340	Transistor BU2507DX	1	VT9
A4	137	ABP7.346.001-01	Transistor BC548 (КТ3102ГМ)	14	VT1,VT5-VT7, VT10-VT16, VT23-VT25
A4	138	ABP7.346.001-01	Transistor BC558 (КТ209Е)	1	VT26
A4	139	ABP7.346.001-02	Transistor KT645A	1	VT2
A3	140	ABP7.346.000-10	IC LM7805V	1	DD5
A4	142	ABP7.714.000	Res. CR-12-100 Om+-5%-0.125W	4	R105,R107,R121,R122
A4	143	ABP7.714.000	Res. CR-12-180 Om+-5%-0.125W	1	R118
A4	145	ABP7.714.000	Res. CR-12-220 Om+-5%-0.125W	1	R96

Form.	Pos.	Mark	Item	Quantity	Note
A4	147	ABP7.714.000	Res. CR-12-390 Om+-5%-0.125W	4	R102,R190-R192
A4	151	ABP7.714.000	Res. CR-12-1 kOm+-5%-0.125W	6	R111,R115,R116, R113,R133,R134
A4	153	ABP7.714.000	Res. CR-12-1.2 kOm+-5%-0.125W	1	R103
A4	157	ABP7.714.000	Res. CR-12-3.3 kOm+-5%-0.125W	2	R149,R150
A4	161	ABP7.714.000	Res. CR-12-10 kOm+-5%-0.125W	3	R88,R131,R132
A4	163	ABP7.714.000	Res. CR-12-12 kOm+-5%-0.125W	3	R69, R87, R94
A4	164	ABP7.714.000	Res. CR-12-15 kOm+-5%-0.125W	2	R85,R186
A4	167	ABP7.714.000	Res. CR-12-33 kOm+-5%-0.125W	1	R137
A4	173	ABP7.714.000	Res. CR-12-100 kOm+-5%-0.125W	1	R95
A4	175	ABP7.714.000	Res. CR-12-390 kOm+-5%-0.125W	1	R83
A4	176	ABP7.714.001	Res. CR-25-1.8 Om+-10%-0.25W	1	R3
A4	177	ABP7.714.001	Res. CR-25-4.7 Om+-10%-0.25W	3	R51,R68,R110
A4	181	ABP7.714.001	Res. CR-25-47 Om+-10%-0.25W	3	R47,R52,R117
A4	183	ABP7.714.001	Res. CR-25-75 Om+-5%-0.25W	2	R130,R141
A4	185	ABP7.714.001	Res. CR-25-100 Om+-10%-0.25W	1	R160
A4	187	ABP7.714.001	Res. CR-25-180 Om+-5%-0.25W	2	R6,R119
A4	189	ABP7.714.001	Res. CR-25-220 Om+-10%-0.25W	1	R45
A4	191	ABP7.714.001	Res. CR-25-270 Om+-10%-0.25W	1	R178
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R183
A4	194	ABP7.714.001	Res. CR-25-470 Om+-10%-0.25W	1	R24
A4	195	ABP7.714.001	Res. CR-25-560 Om+-10%-0.25W	1	R71
A4	196	ABP7.714.001	Res. CR-25-680 Om+-10%-0.25W	2	R86,R182
A4	197	ABP7.714.001	Res. CR-25-1 kOm+-10%-0.25W	9	R23,R48,R67,R74, R101, R108,R112, R129,R140
A4	199	ABP7.714.001	Res. CR-25-1.2 kOm+-10%-0.25W	2	R7,R41
A4	201	ABP7.714.001	Res. CR-25-1.5 kOm+-10%-0.25W	2.2	R73,R79,R183
A4	205	ABP7.714.001	Res. CR-25-2.2 kOm+-10%-0.25W	8	R33,R80,R92,R100, R128,R193-R195
A4	207	ABP7.714.001	Res. CR-25-3.3 kOm+-10%-0.25W	5	R10,R11,R31,R32,R60
A4	209	ABP7.714.001	Res. CR-25-3.9 kOm+-10%-0.25W	2	R84,R171
A4	211	ABP7.714.001	Res. CR-25-4.7kOm+-10%-0.25W	6	R17,R20-R22,R53, R70
A4	159	ABP7.714.001	Res. CR-25-5.6 kOm+-5%-0.25W	2	R46,R89
A4	213	ABP7.714.001	Res. CR-25-6.8 kOm+-10%-0.25W	2	R15,R56
A4	215	ABP7.714.001	Res. CR-25-10kOm+-10%-0.25W	20	R4,R5,R8,R12,R16, R27,R29,R30,R42, R50,R61,R64,R98, R120,R172,R174,R184, R185,R187,R142
A4	217	ABP7.714.001	Res. CR-25-12 kOm+-10%-0.25W	3	R2,R13,R104
A4	219	ABP7.714.001	Res. CR-25-15 kOm+-10%-0.25W	3	R19,R26,R34
A4	220	ABP7.714.001	Res. CR-25-20 kOm+-10%-0.25W	1	R59
A4	221	ABP7.714.001	Res. CR-25-22 kOm+-10%-0.25W	3	R9,R18,R176
A4	223	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R40

Form.	Pos.	Mark	Item	Quantity	Note
A4	225	ABP7.714.001	Res. CR-25-33 kOm+-10%-0.25W	1	R35
A4	229	ABP7.714.001	Res. CR-25-47 kOm+-10%-0.25W	4	R28,R36,R81,R138
A4	231	ABP7.714.001	Res. CR-25-68 kOm+-10%-0.25W	2	R38,R39
A4	235	ABP7.714.001	Res. CR-25-75 kOm+-10%-0.25W	1	R37
A4	237	ABP7.714.001	Res. CR-25-82 kOm+-10%-0.25W	2	R14,R173
A4	239	ABP7.714.001	Res. CR-25-100 kOm+-10%-0.25W	1	R99
A4	241	ABP7.714.001	Res. CR-25-220 kOm+-5%-0.25W	1	R93
A4	243	ABP7.714.001	Res. CR-25-330 kOm+-10%-0.25W	2	R77,R170
A4	245	ABP7.714.001	Res. CR-12-390 kOm+-5%-0.125W	1	R25
A4	249	ABP7.714.007	Res. CR-50-1.8 Om+-10%-0.5W	2	R159,R179
A4	251	ABP7.714.007	Res. CR-50-3.3 Om+-10%-0.5W	2	R109,R123
A4	253	ABP7.714.007	Res. CR-50-4.7 Om+-5%-0.5W	1	R91
A4	254	ABP7.714.007	Res. CR-50-39 Om+-5%-0.5W	1	R114
A4	255	ABP7.714.007	Res. CR-50-68 Om+-10%-0.5W	1	R153
A4	257	ABP7.714.007	Res. CR-50-470 Om+-10%-0.5W	1	R180
A4	259	ABP7.714.007	Res. CR-50-2.2 kOm+-10%-0.5W	1	R66
A4	261	ABP7.714.007	Res. CR-50-10 kOm+-10%-0.5W	1	R162
A4	263	ABP7.714.007	Res. CR-50-3.3 MOm+-5%-0.5W	1	R78
A4	265	ABP7.714.007	Res. CR-50-10 MOm+-5%-0.5W	1	R76
A4	266	ABP7.714.007	Res. VR37-10 MOm+-5%-0.5W	1	R72
A4	267	ABP7.714.005	Res. CR-100-1.8 Om+-10%-1W	1	R181
A4	268	ABP7.714.005	Res. CR-100-68 Om+-10%-1W	1	R65
A4	269	ABP7.714.005	Res. CR-100-12 kOm+-10%-1W	1	R62
A4	271	ABP7.714.005	Res. MF-100-330 kOm+-10%-1W	1	R44
A4	273	ABP7.714.005	Res. MF-100-820 kOm+-10%-1W	1	R43
A4	275	ABP7.714.006	Res. CR-200-20 Om+-10%-2W	1	R63
A4	276	ABP7.714.006	Res. CR-200-68 Om+-10%-2W	1	R151
A4	277	ABP7.714.006	Res. CR-200-100 Om+-10%-2W	1	R164
A4	283	ABP7.714.006	Res. CR-200-1 kOm+-10%-2W	1	R161
A4	285	ABP7.714.006	Res. CR-200-24 kOm+-10%-2W	1	R55
A4	287	ABP7.714.006	Res. CR-200-33 kOm+-10%-2W	1	R54
A4	289	ABP7.714.006	Res. CR-200-330 kOm+-10%-2W	1	R148
A4	293	ABP7.348.000	Filter SFE 5.5 MB	1	Z2
A4	295	ABP7.348.000-01	Filter TPS 5.5 MB2	1	Z4
A4	297	ABP7.767.004	Inductance EC-24 1 mkH+-10%	2	L5,L16
A4	301	ABP7.767.004	Inductance EC-24 6,8 mkH+-10%	1	L7
A4	302	ABP7.767.004	Inductance EC-24 8,2 mkH+-10%	4	L12-L15
A4	303	ABP7.767.003	Inductance DPM-1,2 30 mkH+-10%	2	L3,L9
A4	307	ABP7.755.000	Jumper (l=5 mm)	6	J4,J12,J14,J18,J25,J53

Form.	Pos.	Mark	Item	Quantity	Note
A4	309	ABP7.755.000-01	Jumper (l=10 mm)	38	J1-J3,J6,J8-J11,J13, J16,J17,J19,J24,J26, J29,J36,J37,J39,J40, J42,J43,J51,J52,J57, J58,J63-J65,J71,J72, J74,J76,J77,J81,J85, J86,J87,VD17
A4	311	ABP7.755.000-02	Jumper (l=12.5 mm)	14	J7,J30,J38,J49, J54,J55,J60,J62,J67, J75,J79,J80,J90,J200
A4	313	ABP7.755.000-03	Jumper (l=20 mm)	11	J20-J23,J27,J33-J35, J41,J46,J73
A4	314	ABP7.755.000-04	Jumper (l=30 mm)	3	J15,J31,J32
A4	315	ABP7.070.000	Shield 100x80	1	
A4	316	ABP7.760.001	Wires	1	
A4	317	ABP7.760.003-01	Wires	1	Taškai BB
A4	317a	ABP7.760.003-02	Wires	1	Taškai GND1
A3	319	O98.387.142	Spring	3	
A3	320	ABP8.650.001	Radiator	1	
A3	321	O98.650.096-01	Radiator	1	
A3	323	O98.650.100	Radiator	1	
A3	325	ABP8.650.173	Radiator	1	
A4	327	O98.683.158	Insulator	5	
A4	329	ea8.902.000	Screw	3	
			Not formed components		
	331		IC SAA5290ZP/046	1	DD1
	335		IC LM7808V	1	DD6
	339		IC TDA3653C	1	DD11
	341		IC PCF8582E	1	DD2
	343		IC TDA4605-2 SIEMENS	1	DD4
	345		IC TDA4665	1	DD8
	349		IC TDA1013B	1	DD10
	350		Tuner EVIT-3K2-EW (UV1315/IEC "Philips")	1	SK1
	351		Quarz crystals 12MHz	1	ZQ1
	353		Quarz crystals 4.43 MHz	1	ZQ2
	354		Res. SQM-7 5.1 Om-7W	1	R57
	355		Res. TB087F-0-100 Om	1	R177
	357		Res. TB087F-0-3.3 kOm	1	R49
	359		Res. TB087F-0-4.7 kOm	1	R175
	361		Res. TB087F-0-10 kOm	2	R82,R90
	365		Thermistor 18RM270V	1	RK1
	367		Linearity coil ЭКЛС-501-01	1	L8
	371		I.F. coil TOKO_7KM_L+C	1	L6
	375		Connector 2103W-XH-02S	3	X4,X8,X9
	377		Connector 2103W-XH-04S	2	X2,X7

Form.	Pos.	Mark	Item	Quantity	Note
	379		Connector 2103W-XH-05S	1	X5
	381		SCART conector PPTV/20 (PROMIMET)	1	X6
	382		Barcode sticker (55x15)mm	1	Serijinis TV Nr.
	305		Fuse holder TSP004	2	
	389		Fuse F315A	1	FU1
			Standard articles		
	387		Screw BM3-6gx6.36.016 ГОСТ 17473-80	1	
	388		Nut M3-6H.04.016 ГОСТ 5927-70	1	
	391		Clinch 2,4x6 "GESIPA"	2	
	392		Washer 3.65Г(081) GOST 10462-81	2	
			Changeable data for variants:		
			ABP4.880.032-1v. (L-1410 PAL BG-T)		
			Assembling units		
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El. c. 10mkF+-20%-50V	1	C8
A4	125	ABP7.345.008	LED L-32HD	1	VD1
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	1	J56
A4	315	ABP7.070.000	Shield 100x80	1	
			Not formed components		
	347		IC TDA8361 N5	1	DD9
	369		Line output transformer BSC-25-6102	1	T3
	385		Power switch ПКН41-1-2A	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	403		Filter OFW - G1963 M	1	Z1
	431		Connector CHP-40-3ВП	1	X3
			Material		
	395		Plastic tube 305 TB 40, 2 L=13mm	2	
	396		Plastic tube 305 TB 40, 2 L=7mm	2	

Form.	Pos.	Mark	Item	Quantity	Note
			ABP4.880.032-1v.-01 (37TC501 PAL/SECAM BG/DK-T)		
			Assembling units		
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	O97.079.342	Cer. c. K15-5- 2.2nF+-10%-5kV	1	C28
A4	409	ABP7.079.003	Cer.c. 22nF-20%+80%-63V-N220	1	C95
A4	411	ABP7.079.006	Film c. MKT-370-100nF+-10%-63V	1	C97
A4	413	ABP7.079.006	Film c. MKT-370-220nF+-10%-63V	1	C98
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El c. 10mkF+-20%-50V	1	C8
A3	415	ABP7.079.009	Elc. 47mkF+-20%-16V	1	C96
A4	125	ABP7.345.008	LED L-32HD	1	VD1
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	417	ABP7.714.001	Res. CR-25-22 Om+-5%-0.25W	1	R75
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	419	ABP7.714.001	Res. CR-12-10 kOm+-5%-0.125W	1	R97
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
A4	401	ABP7.755.000-01	Jumper (l=10 mm)	1	J56
A4	421	ABP7.755.000-02	Jumper (l=12.5 mm)	1	J48
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6
			Not formed components		
	347		IC TDA8362 N5	1	DD9
	369		Line output transformer BSC-25-6102	1	T3
	427		IC TDA8395	1	DD7
	385		Power switch ПКН41-1-2A	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	429		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3BП	1	X3
			Material		
	395		Plastic tube 305 TB 40, 2 L=13mm	2	
	396		Plastic tube 305 TB 40, 2 L=7mm	2	
			ABP4.880.032-1v.-02 (L-1411 PAL BG T)		
			Assembling units		

Form.	Pos.	Mark	Item	Quantity	Note
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El c. 10mkF+-20%-50V	1	C8
A4	125	ABP7.345.008-01	LED L-32HD	1	VD1
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	1	J56
A4	315	ABP7.070.000	Shield 100x80	1	
			Not formed components		
	347		IC TDA8361 N5	1	DD9
	369		Line output transformer BSC-25-6102	1	T3
	385		Power switch ПКН41-1-2A	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	403		Filter OFW - G1963 M	1	Z1
	431		Connector CHP-40-3BП	1	X3
			Material		
	395		Plastic tube 305 TB 40, 2 L=13mm	2	
			ABP4.880.032-1v.-03 (37TC502 PAL/SECAM BG/DK-T)		
			Assembling units		
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	O97.079.342	Cer. c. K15-5- 2.2nF+-10%-5kV	1	C28
A4	409	ABP7.079.003	Cer.c. 22nF-20%+80%-63V-N220	1	C95
A4	411	ABP7.079.006	Film c. MKT-370-100nF+-10%-63V	1	C97
A4	413	ABP7.079.006	Film c. MKT-370-220nF+-10%-63V	1	C98
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El c. 10mkF+-20%-50V	1	C8
A3	415	ABP7.079.009	Elc. 47mkF+-20%-16V	1	C96
A4	125	ABP7.345.008-01	LED L-32HD	1	VD1

Form.	Pos.	Mark	Item	Quantity	Note
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	417	ABP7.714.001	Res. CR-25-22 Om+-5%-0.25W	1	R75
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	419	ABP7.714.001	Res. CR-12-10 kOm+-5%-0.125W	1	R97
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
A4	401	ABP7.755.000-01	Jumper (l=10 mm)	1	J56
A4	421	ABP7.755.000-02	Jumper (l=12.5 mm)	1	J48
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6
			Not formed components		
	347		IC TDA8362 N5	1	DD9
	427		IC TDA8395	1	DD7
	369		Line output transformer BSC-25-6102	1	T3
	385		Power switch ПКН41-1-2А	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	429		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3ВП	1	X3
			Material		
	395		Plastic tube 305 ТВ 40, 2 L=13mm	2	
			ABP4.880.032-1v.-04 (54TC 502 PAL BG-T, L2103T,CTV5321)		
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	55	ABP7.079.001-04	Film.c. MKP-379-330nF+-10%-400V (2222 379 54334)	0.1	C136
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.3	C136*
A4	59	ОЭ7.079.237-19	Film c. K78-2-9500pF+-5%-1600V	1	C139
A4	149	ABP7.714.000	Res. CR-12-390 Om+-5%-0.125W	1	R106
A4	195	ABP7.714.001	Res. CR-25-22 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-0,47 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	3	J56,J88,J89
A4	315	ABP7.070.000	Shield 100x80	1	
A4	318	ОЭ8.227.097	Bushing	1	
			Not formed components		
	347		IC TDA8361 N5	1	DD9
	369		Line output transformer BSC-25-6101	1	T3
	403		Filter OFW - G1963 M	1	Z1
	431		Connector CHP-40-3ВП	1	X3
	433		Connector 2103W-XH-03S	1	X10
	435		Connector 2103W-XH-04S	1	X1
	402		Holder 411580351 "Elmec"	1	

Form.	Pos.	Mark	Item	Quantity	Note
			Standard articles		
	393		Screw 2-4x14.016	1	
			ABP4.880.032-1v.-05 (54TC502 PAL/SECAM BG/DK-T)		
			Components		
A4	29	ОЭ7.079.342	Cer. c. K15-5- 2.2nF+-10%-5kV	1	C28
A4	409	ABP7.079.003	Cer.c. 22nF-20%+80%-63V-N220	1	C95
A4	411	ABP7.079.006	Film c. MKT-370-100nF+-10%-63V	1	C97
A4	413	ABP7.079.006	Film c. MKT-370-220nF+-10%-63V	1	C98
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	55	ABP7.079.001-04	Film.c. MKP-379-330nF+-10%-400V (2222 379 54334)	0.1	C136
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.3	C136*
A4	59	ОЭ7.079.237-19	Film c. K78-2-9500pF+-5%-1600V	1	C139
A3	415	ABP7.079.009	ELc. 47mkF+-20%-16V	1	C96
A4	149	ABP7.714.000	Res. CR-12-390 Om+-5%-0.125W	1	R106
A4	417	ABP7.714.001	Res. CR-25-22 Om+-5%-0.25W	1	R75
A4	419	ABP7.714.001	Res. CR-12-10 kOm+-5%-0.125W	1	R97
A4	195	ABP7.714.001	Res. CR-25-22 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-0,47 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	2	J88,J89
A4	402	ABP7.755.000-01	Jumper (l=10 mm)	1	J56
A4	421	ABP7.755.000-02	Jumper (l=12.5 mm)	1	J48
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6
			Not formed components		
	347		IC TDA8362 N5	1	DD9
	427		IC TDA8395	1	DD7
	369		Line output transformer BSC-25-6101	1	T3
	429		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3ВП	1	X3
	433		Connector 2103W-XH-03S	1	X10
	435		Connector 2103W-XH-04S	1	X1
			ABP4.880.032-1v.-06 (L-1410 PAL BG/DK-T)		
			Assembling units		
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136

Form.	Pos.	Mark	Item	Quantity	Note
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El. c. 10mkF+-20%-50V	1	C8
A4	125	ABP7.345.008	LED L-32HD	1	VD1
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	1	J56
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6
			Not formed components		
	347		IC TDA8361 N5	1	DD9
	369		Line output transformer BSC-25-6102	1	T3
	385		Power switch ПКН41-1-2A	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	403		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3BП	1	X3
			Material		
	395		Plastic tube 305 TB 40, 2 L=13mm	2	
	396		Plastic tube 305 TB 40, 2 L=7mm	2	
			ABP4.880.032-1v.-07 (L-1411 PAL BG/DK-T)		
			Assembling units		
A4	383	ABP6.618.001	Power cord	1	Leidž. naud. Tinklo laidas H03VVH2-F 2x0.75mm
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.8	C136*
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	59	O97.079.237-24	Film c. K78-2-6800pF+-5%-1600V	1	C139
A4	73	ABP7.079.009	El. c. 10mkF+-20%-50V	1	C8
A4	125	ABP7.345.008-01	LED L-32HD	1	VD1
A4	127	ABP7.345.006	IR receiver TFMS 5360	1	BL1
A4	149	ABP7.714.000	Res. CR-12-820 Om+-5%-0.125W	1	R106
A4	193	ABP7.714.001	Res. CR-25-330 Om+-10%-0.25W	1	R1
A4	195	ABP7.714.001	Res. CR-25-27 kOm+-10%-0.25W	1	R168
	369		Line output transformer BSC-25-6102	1	T3
A4	401	ABP7.755.000	Jumper (l=5 mm)	1	J56
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6

ABP 4.880.032-1v. TV-81 Page:
Pages: 12

Form.	Pos.	Mark	Item	Quantity	Note
			Not formed components		
	347		IC TDA8361 N5	1	DD9
A4	266a	ABP7.714.005	Res. CR-100-1,5 Om+-10%-1W	1	R167
	385		Power switch ПКН41-1-2A	1	S7
	386		Group of switch DTSV-65K-13	1	S1-S6
	403		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3BП	1	X3
			Material		
	395		Plastic tube 305 TB 40, 2 L=13mm	2	
			ABP4.880.032-1v.-08 (L2103 PAL BG/DK-T)		
			Components		
A4	29	ABP7.079.011	Cer. c. KD 2.2nF+-10%-4kV "Murata"	1	C28
A4	55	ABP7.079.001-04	Film.c. MKP-379-470nF+-10%-400V (2222 379 54474)	1	C136
A4	55	ABP7.079.001-04	Film.c. MKP-379-330nF+-10%-400V (2222 379 54334)	0.1	C136
A4	56	ABP7.079.001-03	Film c. K73-17-100nF+-10%-630V	0.3	C136*
A4	59	O97.079.237-19	Film c. K78-2-9500pF+-5%-1600V	1	C139
A4	149	ABP7.714.000	Res. CR-12-390 Om+-5%-0.125W	1	R106
A4	195	ABP7.714.001	Res. CR-25-22 kOm+-10%-0.25W	1	R168
A4	266a	ABP7.714.005	Res. CR-100-0,47 Om+-10%-1W	1	R167
A4	401	ABP7.755.000	Jumper (l=5 mm)	3	J56,J88,J89
A4	423	ABP7.348.000	Filter SFE 6.5 MB	1	Z3
A4	425	ABP7.348.000-01	Filter TPS 6.5 MB2	1	Z6
			Not formed components		
	347		IC TDA8361 N5	1	DD9
	369		Line output transformer BSC-25-6101	1	T3
	403		Filter OFW - K2955 M	1	Z1
	431		Connector CHP-40-3BП	1	X3
	433		Connector 2103W-XH-03S	1	X10
	435		Connector 2103W-XH-04S	1	X1

Form.	Pos.	Mark	Item	Quantity	Note
			Components		
A4	5	ABP7.079.000	Cer.c. K10-17-560 pF+-10%	2	C1,C2
A4	5	ABP7.079.000	Cer.c. K10-17-680 pF+-10%	1	C3
A3	9	ABP7.079.007-01	Cer.c. 2.2nF+-10%-1000V	1	C6
A4	10	ABP7.079.006	Film c. MKT-370-220nF+-10%-63V	1	C7
A4	11	ABP7.079.009-02	ELc. 10 mkF-10+50%-250V	1	C5
A2	13	ABP7.079.009-05	ELc. 470mkF+-20%-16V	1	C4
A4	19	ABP7.346.001	Transistor BC558 (KT209E)	1	VT4
A4	21	ABP7.346.001	Transistor BF422	3	VT1-VT3
A4	23	ABP7.714.001	Res. CR-25-47 Om+-10%-0.25W	3	R12,R15,R18
A4	25	ABP7.714.001	Res. CR-25-270 Om+-10%-0.25W	3	R11,R14,R17
A4	27	ABP7.714.001	Res. CR-25-390 Om+-10%-0.25W	1	R8
A4	29	ABP7.714.001	Res. CR-25-820 Om+-10%-0.25W	1	R9
A4	33	ABP7.714.001	Res. CR-25-1.5 kOm+-10%-0.25W	5	R7,R10,R13,R16, R19
A4	39	ABP7.714.007	Res. CR-50-2.2 kOm+-10%-0.5W	3	R20-R22
A4	41	ABP7.714.006	Res. CR-200-6.8 kOm+-10%-2W	1	R26
A4	43	ABP7.714.006	Res. CR-200-15 kOm+-10%-2W	3	R23-R25
A3	45	ABP7.755.000	Jumper (l=5 mm)	1	J1
A3	47	ABP7.755.000-01	Jumper (l=10 mm)	2	J2,J3
A4	49	ABP7.767.004	Coil EC-24 100 mkH+-10%	1	L1
A4	51	ABP7.103.025-2v.	PCB, SUPRA-CARTA-E-CU qual303GL (CEM-1)	1	
A4	53	ОЭ8.842.008	Binding tape	2	
			Not formed components		
	57		Res. TB089F-0-B 2 kOm	2	R1,R2
	59		Res. TB089F-0-B 10 kOm	3	R3,R4,R5
	61		CRT socket "PROMIMET" CODE N°4448-S	1	X1
			Changeable data for variants:		
		ABP4.880.025-2v. L-1410, L-1411,CTV5321,L-2103			
			Assembling units		
A4	1	ABP6.640.008-01	Plait of wires wich conector	1	X5
A4	3	ABP6.640.027-01	Plait of wires wich conector	1	X7
			Components		
A3	69	ABP7.755.000-02	Jumper (l=10 mm)	2	VD1,VD5